

Name: _____

at1110paper__practice__test (v116)

1. Factor the expression.

$$x^2 + x - 20$$

2. Factor the expression.

$$16x^2 - 25$$

3. Solve the equation.

$$(2x - 5)(7x + 8) = 0$$

4. Solve the equation with factoring by grouping.

$$12x^2 - 10x - 18x + 15 = 0$$

5. Expand the following expression into standard form.

$$(7x + 8)^2$$

6. Expand the following expression into standard form.

$$(8x + 9)(6x + 5)$$

7. Solve the equation.

$$8x^2 - 37x + 24 = 3x^2 + 2x - 4$$

8. Expand the following expression into standard form.

$$(2x - 5)(2x + 5)$$